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Maharaj

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(54) **METHOD OF REPAIRING AGE AND DISEASE IMMUNE DYSFUNCTION AND CELLULAR SENESENCE WITH LYMPHOID STEM CELLS AND THEN RE-APPLYING THOSE FOR THERAPEUTIC USE**

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CPC **A61N 2/002** (2013.01); **A61K 35/28** (2013.01); **A61K 38/193** (2013.01); **A61N 2/02** (2013.01)

(58) **Field of Classification Search**
CPC A61K 38/193; C07K 14/52; C07K 14/535
See application file for complete search history.

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(57) **ABSTRACT**

This invention relates to methods for treatment of diseases of ageing including immunosenescence, immune dysfunction, inflammation and impairment of early lymphoid lineage differentiation. The invention more specifically relates to the use of granulocyte colony stimulating factors to assist in stem cell mobilization, optionally in combination with the application of a method of delivering precise magnetic field patterns which agree with the body's own natural magnetic field patterns, and further in combination with re-infusion of previously collected autologous cells and/or plasma, optionally including allogeneic (healthy donor) cells and blood plasma.

15 Claims, 26 Drawing Sheets